Notes :

- For smaller array sizes, the execution time of single threaded merge sort comes out to be a lot less as compared to multithreaded merge sort.
- For larger array sizes, the execution time is less for multithreaded as compared to single threaded merge sort.

Array size	Single threaded	Multi-threaded
10	0ms	7ms
100	1ms	1ms
1000	0ms	4ms
10000	15ms	27ms
100000	144ms	85ms
1000000	1730ms	749ms
10000000	20445ms	8834ms